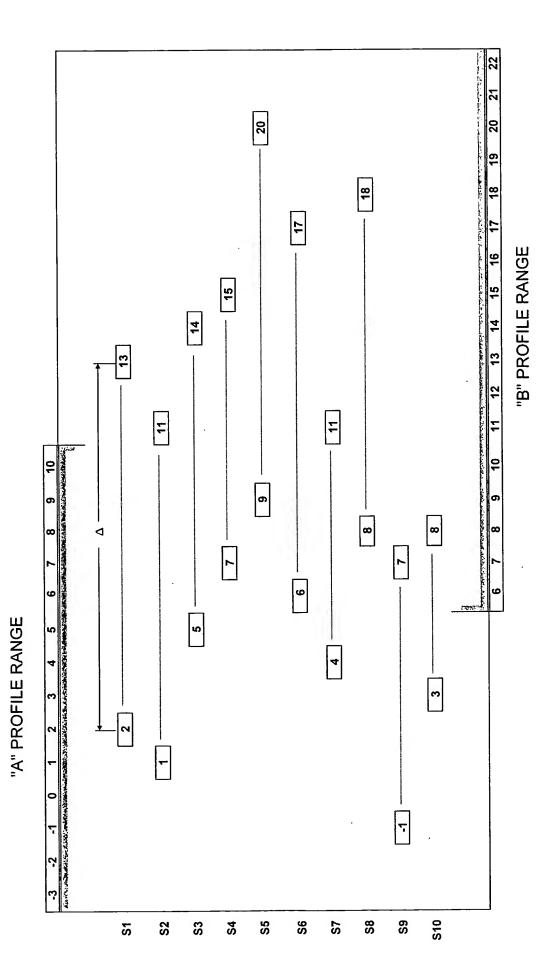
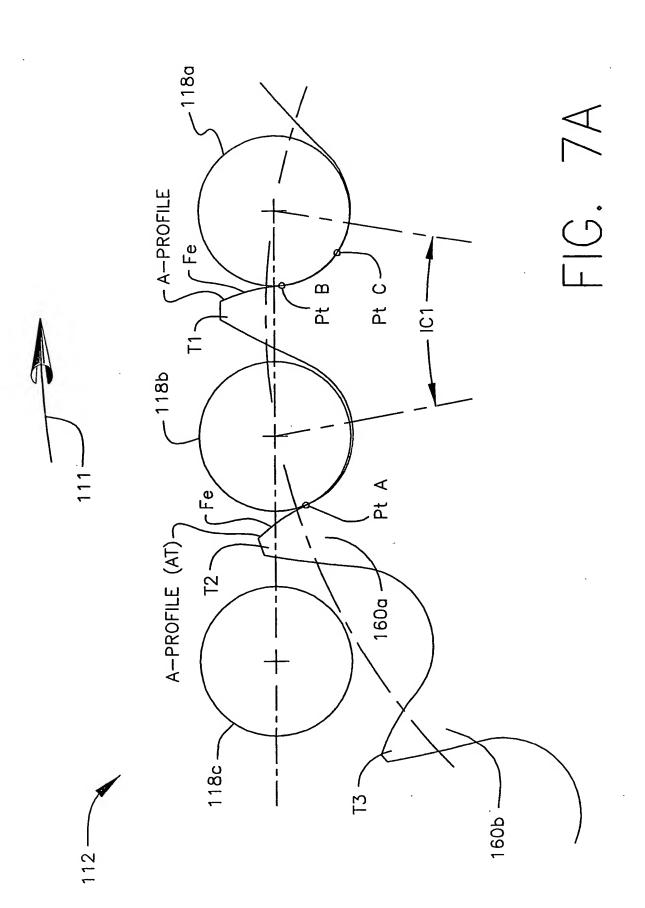


RANDOM - ASYMMETRIC

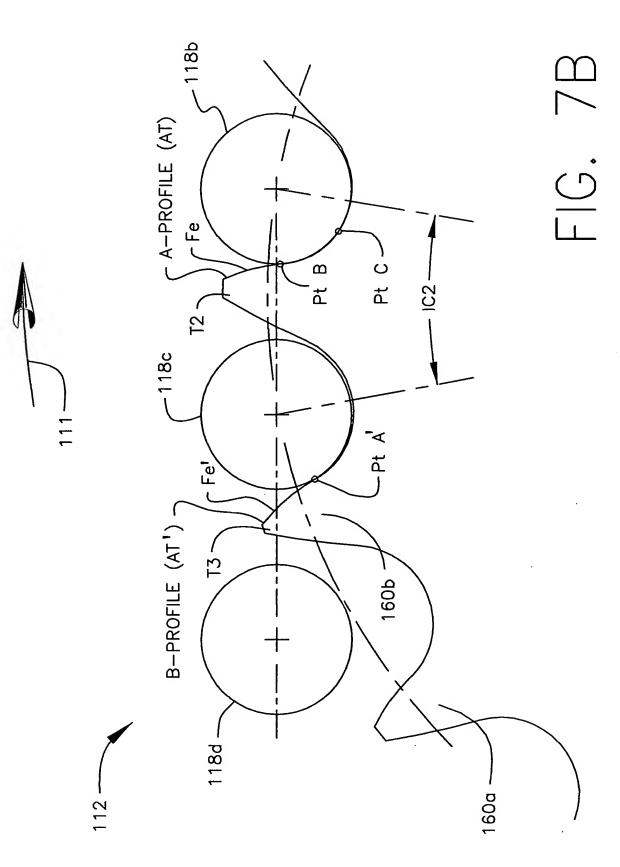
		"A	PROI	FILE(γ _{Α1}	-)	"B" PROFILE(γ _{AT} ')			
		β_{AT}	γ _{AT}	β_{AT}	γ_{AT}	β _{AT} '	γ _{AT} '	β_{AT} '	γ_{AT} '
Ζ	Α	(MAX)	(MIN)	(MIN)	(MAX)	(MAX)	(MIN)	(MIN)	(MAX)
18	20.000	83.00	-3.0	70.00	10.0	74.00	6.0	62.10	17.90
19	18.947	83.53	-3.0	70.53	10.0	74.53	6.0	62.24	18.28
20	18.000	84.00	-3.0	71.00	10.0	75.00	6.0	62.37	18.63
21	17.143	84.43	-3.0	71.43	10.0	75.43	6.0	62.49	18.94
22	16.364	84.82	-3.0	71.82	10.0	75.82	6.0	62.59	19.23
23	15.652	85.17	-3.0	72.17	10.0	76.17	6.0	62.69	19.49
24	15.000	85.50	-3.0	72.50	10.0	76.50	6.0	62.78	19.73
25	14.400	85.80	-3.0	72.80	10.0	76.80	6.0	62.86	19.94
26	13.846	86.08	-3.0	73.08	10.0	77.08	6.0	62.93	20.15
27	13.333	86.33	-3.0	73.33	10.0	77.33	6.0	63.00	20.33
28	12.857	86.57	-3.0	73.57	10.0	77.57	6.0	63.06	20.51
29	12.414	86.79	-3.0	73.79	10.0	77.79	6.0	63.12	20.67
30	12.000	87.00	-3.0	74.00	10.0	78.00	6.0	63.18	20.82
31	11.613	87.19	-3.0	74.19	10.0	78.19	6.0	63.23	20.96
32	11.250	87.38	-3.0	74.38	10.0	78.38	6.0	63.28	21.09
33	10.909	87.55	-3.0	74.55	10.0	78.55	6.0	63.33	21.22
34	10.588	87.71	-3.0	74.71	10.0	78.71	6.0	63.37	21.34
36	10.000	88.00	-3.0	75.00	10.0	79.00	6.0	63.45	21.55
. 38	9.474	88.26	-3.0	75.26	10.0	79.26	6.0	63.52	21.74
40	9.000	88.50	-3.0	75.50	10.0	79.50	6.0	63.59	21.92
42	8.571	88.71	-3.0	75.71	10.0	79.71	6.0	63.64	22.07
44	8.182	88.91	-3.0	75.91	10.0	79.91	6.0	63.70	22.21
46	7.826	89.09	-3.0	76.09	10.0	80.09	6.0	63.74	22.34
48	7.500	89.25	-3.0	76.25	10.0	80.25	6.0	63.79	22.46
50	7.200	89.40	-3.0	76.40	10.0	80.40	6.0	63.83	22.57

FIG. 6B





.



INITIAL MESHING CONTACT ANGLES 24 TOOTH SPROCKET

9.525 mm (3/8") PITCH TOOTH ANGLE = 15°

ADDED CPR	A-PROFILE β AT	IC1	B-PROFILE β at'	IC2	IC2 - IC1					
(mm)	ANGLE (DEGREES)									
0.050		15.054	71.5	15.071	0.017					
0.050		15.054	69.5	15.073	0.019					
0.060		15.062	71.5	15.082	0.020					
0.000			69.5	15.085	0.022					
0.070		15.071	71.5	15.093	0.023					
0.070	80.5		69.5	15.096	0.026					
0.000		15.079	71.5	15.105	0.025					
0.080			69.5	15.108	0.029					
		15.087	71.5	15.116	0.028					
0.090			69.5	15.119	0.032					
			68.5	15.121	0.034					

FIG. 7C

